

### **ABSTRACT**

A portable built-in barbecue unit that includes a rotating spits system, powered by continuous or alternating current, allowing a homogeneous roast. The unit is lighter and compact when compared to previous units. This unit hold all the necessary equipment for barbecue with no loose pieces, which makes its transport easier. The unit is more practical and efficient when compared to previous units. This portable built-in barbecue lasts longer when compared to the units available in the market due to its corrosion-resistance feature which helps protect the unit against oxidation. In short, it is highly safe and capable of homogeneously spreading heat, making the best use of charcoal.